

**Table CT4. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2016, North Carolina**

Year	Coal <sup>a</sup>	Natural Gas <sup>b</sup>	Petroleum				Biomass	Geothermal <sup>e</sup>	Solar <sup>e,f</sup>	Retail Electricity Sales	Net Energy <sup>e,g</sup>	Electrical System Energy Losses <sup>h</sup>	Total <sup>e,g</sup>
			Distillate Fuel Oil	HGL <sup>c</sup>	Kerosene	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Thousand Cords						
1960	587	9	5,887	1,378	10,429	17,693	2,196	--	--	5,796	--	--	--
1965	309	15	6,654	2,186	10,547	19,388	1,527	--	--	8,601	--	--	--
1970	244	27	8,663	2,561	10,045	21,269	1,024	--	--	14,660	--	--	--
1975	111	27	7,261	1,915	4,901	14,078	1,047	--	--	18,999	--	--	--
1980	36	34	7,044	2,427	2,747	12,219	1,154	--	--	24,377	--	--	--
1985	43	29	5,449	2,724	3,994	12,167	1,428	--	--	26,852	--	--	--
1990	31	35	4,225	3,648	1,408	9,281	585	--	--	33,144	--	--	--
1995	29	49	4,023	4,990	2,098	11,110	885	--	--	39,506	--	--	--
1996	25	59	4,257	5,711	2,546	12,515	919	--	--	41,592	--	--	--
1997	21	53	3,426	5,684	2,603	11,714	725	--	--	40,611	--	--	--
1998	22	51	2,993	5,423	2,988	11,404	645	--	--	42,890	--	--	--
1999	18	53	2,968	5,484	1,985	10,437	662	--	--	43,648	--	--	--
2000	12	64	3,238	5,933	1,979	11,149	712	--	--	46,537	--	--	--
2001	14	57	3,118	6,105	2,022	11,245	484	--	--	46,201	--	--	--
2002	16	59	2,808	5,689	1,223	9,719	492	--	--	49,854	--	--	--
2003	17	66	3,057	6,342	1,786	11,185	517	--	--	49,349	--	--	--
2004	35	63	2,868	6,692	1,892	11,451	530	--	--	51,717	--	--	--
2005	12	64	2,228	5,738	1,755	9,720	770	--	--	54,073	--	--	--
2006	10	57	2,030	4,936	1,194	8,161	683	--	--	52,851	--	--	--
2007	4	58	1,972	4,795	849	7,617	755	--	--	56,095	--	--	--
2008	0	64	1,823	6,304	435	8,562	844	--	--	55,751	--	--	--
2009	0	66	1,271	6,042	384	7,697	841	--	--	56,311	--	--	--
2010	0	75	1,424	6,372	552	R 8,348	734	--	--	62,160	--	--	--
2011	0	62	1,031	5,321	270	R 6,622	751	--	--	58,056	--	--	--
2012	0	57	797	3,843	106	R 4,745	701	--	--	54,672	--	--	--
2013	0	70	857	4,211	105	R 5,174	968	--	--	56,251	--	--	--
2014	0	75	845	4,895	170	R 5,910	R 979	--	--	58,650	--	--	--
2015	0	65	1,571	4,506	150	R 6,227	R 727	--	--	57,902	--	--	--
2016	0	65	1,303	3,862	218	5,384	583	--	--	58,457	--	--	--
Trillion Btu													
1960	14.5	8.9	34.3	5.3	59.1	98.7	43.9	NA	NA	19.8	185.8	48.9	234.7
1965	7.6	15.1	38.8	8.4	59.8	106.9	30.5	NA	NA	29.3	189.5	70.1	259.6
1970	5.8	28.0	50.5	9.8	57.0	117.2	20.5	NA	NA	50.0	221.6	121.0	342.6
1975	2.6	28.0	42.3	7.3	27.8	77.4	20.9	NA	NA	64.8	193.8	155.5	349.3
1980	0.9	34.4	41.0	9.3	15.6	65.9	23.1	NA	NA	83.2	207.4	199.8	407.2
1985	1.1	29.6	31.7	10.4	22.6	64.8	28.6	NA	NA	91.6	215.7	209.8	425.5
1990	0.8	36.1	24.6	14.0	8.0	46.6	11.7	0.1	0.2	113.1	208.6	256.7	465.3
1995	0.7	51.0	23.4	19.1	11.9	54.4	17.7	0.2	0.2	134.8	259.0	298.6	557.6
1996	0.6	60.9	24.8	21.9	14.4	61.1	18.4	0.2	0.2	141.9	283.3	313.8	597.1
1997	0.5	54.8	19.9	21.8	14.8	56.5	14.5	0.2	0.2	138.6	265.2	296.1	561.4
1998	0.6	52.9	17.4	20.8	16.9	55.2	12.9	0.2	0.2	146.3	268.2	315.7	583.9
1999	0.5	54.7	17.3	21.0	11.3	49.6	13.2	0.2	0.1	148.9	267.3	322.9	590.2
2000	0.3	65.9	18.8	22.8	11.2	52.8	14.2	0.2	0.1	158.8	292.4	346.1	638.5
2001	0.4	59.2	18.1	23.4	11.5	53.0	9.7	0.2	0.1	157.6	280.3	341.2	621.4
2002	0.4	61.1	16.3	21.8	6.9	45.1	9.8	0.2	0.1	170.1	286.8	370.0	656.8
2003	0.4	68.2	17.8	24.3	10.1	52.2	10.3	0.3	0.1	168.4	300.0	362.9	662.9
2004	0.9	65.0	16.7	25.7	10.7	53.1	10.6	0.3	0.1	176.5	306.5	388.2	694.7
2005	0.3	66.2	13.0	22.0	10.0	44.9	15.4	0.4	0.1	184.5	311.8	400.9	712.7
2006	0.3	58.5	11.8	18.9	6.8	37.5	13.7	0.5	0.2	180.3	290.8	392.0	682.8
2007	0.1	60.3	11.4	18.4	4.8	34.6	15.1	0.6	0.2	191.4	302.3	427.1	729.4
2008	0.0	65.8	10.5	24.2	2.5	37.2	16.9	0.7	0.2	190.2	311.0	427.3	738.3
2009	0.0	67.3	7.3	23.2	2.2	32.7	16.8	0.8	0.2	192.1	310.1	425.5	735.6
2010	0.0	75.8	8.2	24.4	3.1	R 35.8	14.7	0.9	0.3	212.1	339.6	467.0	806.6
2011	0.0	62.5	6.0	20.4	1.5	R 27.9	15.0	0.9	0.3	198.1	R 304.6	430.6	R 735.2
2012	0.0	57.3	4.6	14.7	0.6	R 19.9	14.0	1.0	0.3	186.5	R 279.1	395.6	R 674.6
2013	0.0	70.6	4.9	16.2	0.6	R 21.7	19.4	1.0	0.3	191.9	R 304.9	385.2	R 690.1
2014	0.0	77.0	4.9	18.8	1.0	R 24.6	R 19.6	1.0	0.4	200.1	R 322.7	399.1	R 721.8
2015	0.0	66.8	9.1	17.3	0.9	R 27.2	R 14.5	1.0	0.4	197.6	R 307.5	386.8	R 694.3
2016	0.0	66.8	7.5	14.8	1.2	23.6	11.7	1.0	0.7	199.5	303.2	388.1	691.3

<sup>a</sup> Beginning in 2008, data are no longer collected and are assumed to be zero.<sup>b</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.<sup>d</sup> Wood and wood-derived fuels.<sup>e</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.<sup>f</sup> Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.<sup>g</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.<sup>h</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.